

HalfMoon Education Live Continuing Education Webinars

Complying with Kansas Fire Protection and Building Codes

Online - Friday, January 10, 2025 | 8:30 am - 3:30 pm CST

Credits: Professional Engineers: 6.0 PDHs

Architects: 6.0 HSW CE Hours | AIA: 6.0 LU|HSW

International Code Council: .6 CEUs (Fire)

HalfMoon Education Inc.
PO Box 278
Altoona, WI 54720-0278

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PREFERRED
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Fire Protection and Life Safety Design

- National and Kansas state and local fire codes
 - International Fire Code
 - National Fire Protection Association (NFPA) codes
 - International Building Code and International Residential Code
 - Kansas state and municipal mandated codes
- Scope and purpose of codes and ordinances
- Code adoption and enforcement
- Special occupancies: health care facilities and others

Occupancy Classifications

- General requirements and criteria
 - Change of use and/or change of occupancy
 - Hazard classifications
- Life safety issues
- Design specifications and scenarios
- Evaluation and documentation

Means of Egress

- Exit access, discharge and other components
 - Impediments to egress
- Calculating and determining occupant loads
 - Gross vs. net
- Arrangement of exits Equivalency discussion

Requirements for Existing Buildings

Fire Protection Features and Equipment

- Building materials and components
- Fire and smoke protection features
- Fire detection, alarm and communication systems
- Sprinkler systems Special occupancies and equipment

Accessibility Requirements

- Accessible routes and entrances
- Accessible facilities

Complying with Structural Requirements

- Exterior walls Roofs and roofing systems
- Structural design

Energy Code Update

- Requirements for commercial buildings and multifamily construction
- Renewable energy installations Building electrification
- Electric vehicle infrastructure

Presented by

Bryan Hoskins, P.E. Ph.D. *Associate Professor of Fire Protection & Safety at Oklahoma State University*

Dr. Hoskins earned his B.S. and M.S. degrees in Fire Protection Engineering from the University of Maryland. He also received his Ph.D. degree in Mechanical Engineering from the University of Maryland in 2011 with an emphasis on building egress. Dr. Hoskins spent one year working for Arup on projects primarily dealing with life safety design and people movement. He then spent two years working for the National Institute of Standards and Technology working on projects dealing with building evacuations and emergency messaging. He is a registered fire protection engineer in the state of Oklahoma. Professor Hoskins is the chair of the Society of Fire Protection Engineers (SFPE) working group that developed a research roadmap for fire protection and a member of the Human Behavior in Fire Task group for SFPE. He serves on multiple code and standards committees. He has authored more than 20 articles related to building evacuations and human behavior in fire.

Tuition

- \$339** for individual registration.
- \$327** per attendee for group registrations of two or more people registering at the same time for the same program.
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Credit Information

This webinar is open to the public and is designed to qualify for 6.0 PDHs for professional engineers and 6.0 HSW continuing education hours for licensed architects in Kansas. The Kansas Board of Technical Professions does not pre-approve courses or activities.

The American Institute of Architects Continuing Education System has approved this course for 6.0 HSW LUs (Sponsor No. 3885). Only full participation is reportable to the AIA/CES.

The International Code Council has approved this event for .6 CEUs in the specialty area of Fire (Preferred Provider No. 1232).

Attendance will be monitored, and attendance certificates will be available after the webinar for those who attend the entire course and score a minimum 80% on the quiz that follows the course (multiple attempts allowed).

On-Demand Credits

The preceding credit information only applies to the live presentation. This course in an on-demand format is not pre-approved by any licensing boards and may not qualify for the same credits; please consult your licensing board(s) to ensure that a structured, asynchronous learning format is appropriate. The following pre-approvals may be available for the on-demand format upon request: 6.0 HSW LUs (AIA)



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